

DUTY OFF ORNAMENTAL WINDOW GLASS.

CHARLES LONG begs to inform his Friends and the Public, that he can now supply Ornamental Glass from 12 to 24 feet long, and having just built two of the largest Kiosks in London, is enabled to execute extensive Orders with unprecedented dispatch, 1, King-street, Portico, near the Theatre, London, only.

BRITISH AND FOREIGN SHEET

GLASS for Horticultural purposes, &c., may be had at **JAMES BROMLEY'S**, 315, Oxford-street, London, at the following reduced prices:

In orders, containing about 240 feet, of course 12 ft. at 4d. per foot, or fourth quality, 4d. per foot; ditto, 18 ft. course, 4d. 6d. per foot, quality, 4d. 6d. or cut to any size not exceeding 12 inches long by 18 inches wide at 4d. per foot extra. Also Miscellaneous Glass, French Shades, Plate and Crown Window Glass. A discount to the trade.

TO THE PLATE GLASS TRADE.

THE BIRMINGHAM PLATE AND CROWN GLASS COMPANY, "Registered," beg to inform the Trade and Public, that the extension of their Works at Smethwick, near Birmingham, being now completed, their Warehouse, 141, Fleet-street, London, is now open for the Sale of their Crystal Plate Glass, which will be found to stand unrivalled by that of any other manufacturer. They are also in a position to supply Rough Plate of any substance for Skylights or Fireproofs on the shortest notice. Orders addressed to **B. ROSS**, Company's Warehouse, 141, Fleet-street, London, will be promptly attended to.

WINDOW GLASS, LEAD, VARNISH,

and COLOUR MANUFACTORY.—Crown Window Glass, in squares under two feet, 4d. per foot; glazing, 5d. per foot; sheet glass, 6d. per foot; best white lead, 2s. 6d.; second, 2s. 3d.; third, 2s. per cwt.; flinted oil, 1s. 6d.; flinted oil, 1s. 6d.; turpentine, 2s. 6d.; fine oak varnish, 10s.; carriages, 12s.; copal, 14s.; body copal, 18s.; gold oil, 18s.; paper varnish, 18s.; linseed oil putty, 7s. 6d. per cwt. per bush; patent driers, &c.; black paint, 2s.; lead colour, 2s.; Oxford ochre, 4s. per cwt.; best pan water-closet, 2s. 6d.; complete; brass cocks, 2s. 6d. each. Milled sheet lead, patent pipe, beer-machines, tapping-machines and brushes and colour of every description. Thomas Millington being the manufacturer, can supply a much better quality than most other houses. Address, **THOMAS MILLINGTON**, 57, Blackmore-street Without, London.—Established upwards of 50 years.

SASHES primed, glazed, and sent to any part of London at 6d. per foot.

BUILDERS, PAINTERS, GLAZIERS,

and others, supplied with every article used in the trade upon the best and lowest terms.

FOREIGN SHEET 1d. per foot.
BRITISH CROWN 1d. per foot.
Coloured and Ornamental Glass, Fluted Crown, and Sheet Plate, for Shop fronts, Show-windows, &c. The best stock of Cheap Glass in London for HORTICULTURAL PURPOSES.

Dry and Good Colours of the best quality; Brushes Driers, and every article used in the Trade warranted.
VARNISHES and **GENUINE WHITE LEAD**; **MILLED LEAD** IN SHEETS 2s. per cwt.; Lead Pipe 2s. per cwt. Pumps, Water-closets, Basins, Brass-work, and all materials used by Plumbers.

For complete plans and estimates, Address to **B. COGAN**, **WINDOW GLASS, LEAD, COLOUR WAREHOUSE**, 57, Blackmore-street, Leicester-square, London.

HERRING'S PATENT SAFETY

WINDOW.—All danger from cleaning or repairing windows at an end. No housekeeper should be ignorant of this invaluable invention. Simple, cheap, and efficient; will repay the cost every two years; add 5 to 10 per cent. to the value of houses. No one should buy or rent one without it. Now in full operation in most parts of the kingdom. Builders and the public can inspect its real merits, and have licenses at the Patent Steam Roll-leather Factory, 14, Kingsgate-street, London.—**JOHNSON AND PARK**, Makers.

SHOP FRONTS, SASHES AND FRAMES, DOORS, &c. MADE FOR THE TRADE.

JOHNSON & PARK, 1, ADELPHI STREET, Clerkenwell.

Beg to inform the Trade, and the Building Public in general, that they continue to manufacture Sashes and Frames, Shop Fronts, Doors, and all other kinds of Joiner's work, on the lowest possible scale of prices. All kinds of Windows and Mahogany Work done in the very best manner; French Polished, and carefully finished for the Country.—A full list of prices forwarded by return of post to any part of the country.

CHAS. WM. WATERLOW, Manufacturer of Sashes and Frames, and Joiner to the Trade, 121, Bunhill-row, Finsbury-square. Well-seasoned materials, superior workmanship, lowest prices. Upward of 100 Doors and a large variety of Sashes and Frames always on Sale. Glazed goods carefully packed for the country.

Steam-truck Moldings in any quantity.—**N.B.** This Establishment is worth the notice of all engaged on buildings.

ROYAL POLYTECHNIC INSTITUTION.—A new and interesting Lecture by Dr. Huxley, on the Phenomena and Effects of Heat and Cold, at half-past three daily, and on the Evenings of Mondays, Wednesdays, and Fridays, at nine o'clock. Prof. Bechhofer's Lectures on Natural Philosophy, with brilliant experiments, daily. Macintosh's Revolving Engine, Coleman's Patent Locomotive Engine for ascending and descending inclined planes, Faraday's Archimedes Building, the Atmospheric Railway, all in action. Portraits of distinguished men in the Government and Army of Lahore, suggested by the Opium Monopsony. The Geo-hydrographic Monopsony, exhibiting a fine Collection of Living Objects. A beautiful Picture of the Chapel in the Convent of St. Catherine, near Jerusalem, by Mr. Graham Smith, is one of the series of interesting Views just introduced.—Admission, 1s.; School, 2s. per year.

THE BUILDER'S PATENT SAFETY WINDOW.—All danger from cleaning or repairing windows at an end. No housekeeper should be ignorant of this invaluable invention. Simple, cheap, and efficient; will repay the cost every two years; add 5 to 10 per cent. to the value of houses. No one should buy or rent one without it. Now in full operation in most parts of the kingdom. Builders and the public can inspect its real merits, and have licenses at the Patent Steam Roll-leather Factory, 14, Kingsgate-street, London.—**JOHNSON AND PARK**, Makers.

JOHNSON & PARK, 1, ADELPHI STREET, Clerkenwell.

Beg to inform the Trade, and the Building Public in general, that they continue to manufacture Sashes and Frames, Shop Fronts, Doors, and all other kinds of Joiner's work, on the lowest possible scale of prices. All kinds of Windows and Mahogany Work done in the very best manner; French Polished, and carefully finished for the Country.—A full list of prices forwarded by return of post to any part of the country.

CHAS. WM. WATERLOW, Manufacturer of Sashes and Frames, and Joiner to the Trade, 121, Bunhill-row, Finsbury-square. Well-seasoned materials, superior workmanship, lowest prices. Upward of 100 Doors and a large variety of Sashes and Frames always on Sale. Glazed goods carefully packed for the country.

Steam-truck Moldings in any quantity.—**N.B.** This Establishment is worth the notice of all engaged on buildings.

ROYAL POLYTECHNIC INSTITUTION.—A new and interesting Lecture by Dr. Huxley, on the Phenomena and Effects of Heat and Cold, at half-past three daily, and on the Evenings of Mondays, Wednesdays, and Fridays, at nine o'clock. Prof. Bechhofer's Lectures on Natural Philosophy, with brilliant experiments, daily. Macintosh's Revolving Engine, Coleman's Patent Locomotive Engine for ascending and descending inclined planes, Faraday's Archimedes Building, the Atmospheric Railway, all in action. Portraits of distinguished men in the Government and Army of Lahore, suggested by the Opium Monopsony. The Geo-hydrographic Monopsony, exhibiting a fine Collection of Living Objects. A beautiful Picture of the Chapel in the Convent of St. Catherine, near Jerusalem, by Mr. Graham Smith, is one of the series of interesting Views just introduced.—Admission, 1s.; School, 2s. per year.

THE BUILDER'S PATENT SAFETY WINDOW.—All danger from cleaning or repairing windows at an end. No housekeeper should be ignorant of this invaluable invention. Simple, cheap, and efficient; will repay the cost every two years; add 5 to 10 per cent. to the value of houses. No one should buy or rent one without it. Now in full operation in most parts of the kingdom. Builders and the public can inspect its real merits, and have licenses at the Patent Steam Roll-leather Factory, 14, Kingsgate-street, London.—**JOHNSON AND PARK**, Makers.

JOHNSON & PARK, 1, ADELPHI STREET, Clerkenwell.

Beg to inform the Trade, and the Building Public in general, that they continue to manufacture Sashes and Frames, Shop Fronts, Doors, and all other kinds of Joiner's work, on the lowest possible scale of prices. All kinds of Windows and Mahogany Work done in the very best manner; French Polished, and carefully finished for the Country.—A full list of prices forwarded by return of post to any part of the country.

CHAS. WM. WATERLOW, Manufacturer of Sashes and Frames, and Joiner to the Trade, 121, Bunhill-row, Finsbury-square. Well-seasoned materials, superior workmanship, lowest prices. Upward of 100 Doors and a large variety of Sashes and Frames always on Sale. Glazed goods carefully packed for the country.

Steam-truck Moldings in any quantity.—**N.B.** This Establishment is worth the notice of all engaged on buildings.

FINE ARTS.

By Royal Warrant to His Majesty the Queen, and by Appointment to Her Majesty the Queen of Belgium.

LORIMIER'S TRANSPARENT

PLATES for Perspective Drawing, BENJAMIN WEST, Patentee.

This instrument will enable Artists and others to make any Drawing, whether from Nature or Models, in perfectly true perspective, on that thickness or background may be taken in a few minutes absolutely perfect. Its use by Her Majesty's Royal Engineers and Surveyors, Chatham. To Teachers it would be found convenient, since it can be employed without the knowledge of drawing.—Art Union.

Price 12s. and 25s. Apply for Agents to **BENJAMIN WEST**, 1, St. James's-street, Clerkenwell.—Sold by H.B. RITT and Co., 173, Fleet-street, London; OLIPHANT and Co., Glasgow, and by all Fancy Stationers, &c.

SNOXELL'S PATENT SAFETY REVOLVING

WOOD SHUTTERS.

Manufactured, 55, Regent-street, and 131, Chancery-lane.

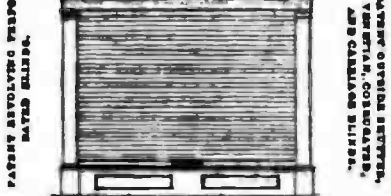
THE Patentee can confidently recommend

these Shutters both for security and durability. The edges being sheathed with IRON, and the central hinge being of iron, the construction is so simple, that the largest establishment can be opened or closed in a few moments with the greatest ease without the aid of machinery. Their superiority over other Revolving Shutters consists in being made without metal hinges, consequently cannot rust, and, as the put out of order, and are equally safe. **W. SNOXELL** will have much pleasure in giving references to numerous establishments where they are used, having on all occasions given the greatest satisfaction.

IMPROVED PATENT CONVEX IRON

REVOLVING SAFETY SHUTTERS.

PATENT SAFETY IRON SLIDING SHUTTERS.



The attention of Architects, Builders, Blind Makers, and the Trade generally, is particularly requested to the IMPROVED PATENT SAFETY SHUTTERS, and the IMPROVED PATENT SAFETY IRON SLIDING SHUTTERS, at the Manufacture of the Patentee, **B. HOWARD AND CO.**, 115, Old Street, London; or at the Licensees.

Engravings and Prospectuses may be had at the above address, or will be forwarded on application.

The great importance of SECURITY and STIFFNESS in the Laths of REVOLVING IRON SHUTTERS, when required for security, is so obvious, that it is only necessary to point out the fact that the PATENT CONVEX LATHS ARE 10 TIMES STIFFER THAN THE ORDINARY FLAT LATHS (as shown by the engravings and prospectuses), to ensure their general adoption.

REVOLVING IRON SHUTTERS MADE OF THE COMMON FLAT LATHS, AT A VERY CONSIDERABLE REDUCTION OF PRICE.

CAUTION.—The Patentee begs to caution all persons against Making or Using SHUTTERS for REVOLVING IRON SAFETY SHUTTERS, so as to obtain increased security or stiffness, so they thereby render themselves liable to legal proceedings for infringing this patent. Licenses Granted.

REDUCTION IN THE PRICE OF

BUNNETT AND CORPE'S

PATENT REVOLVING IRON SHUTTERS.

The validity of this Patent being completely established, the Patentee has much pleasure in stating that the very extensive demand, and the employment of improved machinery in the manufacture, have given them an opportunity of (which they gratefully avail themselves) of making a considerable reduction in the price of this well-known and tried invention, thereby rendering them the cheapest as well as the best iron shutters in use. Every improvement suggested by practical skill and most extensive application has been adopted, and no effective REVOLVING IRON SHUTTER can be constructed without infringing B. and C.'s patent. The work and wheel, as patented by them, being the only safe, durable, and efficient mode of raising and lowering such shutters, these shutters can be applied horizontally, either above or below the window, or vertically, as introduced by **BUNNETT AND CORPE**, in some of the largest establishments; they are made with bent or corrugated laths, if required.

BUNNETT AND CORPE also manufacture

REVOLVING WOOD SHUTTERS,

with their patent raising machinery, or with counterbalance weights, and with proper metallic hinges, without which no shutters can be used or done.

BUNNETT AND CORPE are likewise Patentees and Manufacturers of METALLIC BARS-BARS, MOULDINGS, &c. IN BRASS, COPPER, OR ZINC, FOR SHOP FRONTS, WINDOWS, SKYLIGHTS, AND VARIOUS OTHER PURPOSES.

Shop Fronts fitted in a superior manner with Iron Shutters, Patent Brass or Zinc Shades, Moulded Engraved Steel Board Plates, Bent Plate Glass, and Internal Brass Fixings of all kinds, on the most advantageous terms. Estimates given and contracts taken in Town or Country.—All kinds of metal work executed to any design. Metal Drawing, Engraving, and Stamping for the Trade. OFFICE, 25, LOMBARD STREET, LONDON. WORKS, 45, DEPTFORD, KENT.

PORTER'S CORRUGATED, and PATENT GALVANIZED IRON ROOFING WORK, Southwark-bridge (and the Grove), Southwark. At the above Works, the Public are secure in having the superior make, and by the Patent process of Galvanizing Iron is first introduced into this Country, with many improvements in its application to Roof Buildings, &c. Every description of Roofing, Railway, and other Iron and Smith's work Manufactured of the best quality. Iron Fence and Hardies as usual.—The Trade Supplied.



PATENT GALVANIZED TINNED IRON, (HOWEWOOD AND ROGERS' PROCESS.)

ARCHITECTS, SURVEYORS,

BUILDERS, and CONTRACTORS are respectfully

informed that they can be supplied with this invaluable metal for building purposes, of the best quality and lowest terms. It is superior in every respect to zinc, and two-thirds less price than 7lb sheet lead for roofing, no woodwork being required, but iron rafters only, 21 inches apart, rendering the whole roof fire-proof. This mode of covering roofs is cheaper than Lead, Zinc, Tiles, or Slates. Parapet and other Gutters formed and fixed, also rain-water pipes, heads, eave gutters, basins, stove and funnel pipes, chimneys and water-closets fixed. The sheets are 6 feet long by 2 ft., 2 ft. 6 in., and 3 feet wide, and put to any required weight per foot, and can be had either plain or corrugated.

Plans apply to **CHARLES GILL**, Junr., No. 8, Quick-set-row, New-road, St. Pancras, where references and testimonials of the highest respectability of extensive works already done can be had.

WALLIS'S PATENT LIQUID WOOD

KNOTTING.—This newly-discovered Liquid Composition which Messrs. G. and Thos. Wallis have the satisfaction of introducing to the trade, possesses the important qualification of effectually stopping Knots in Wood, however bad, and preventing them eating through and disfiguring the paint above.

Many residences have been used and much time spent in endeavouring to find a cure for a bad Knot, but hitherto without success. Messrs. Wallis therefore feel much pleasure in offering to the public an article so long and anxiously called for.

In the application, skill is not required; it is put on to the work with a brush like common paint, can be used in all climates and situations, and does not require heat. Sold wholesale and retail, by Messrs. G. and T. Wallis, Varnish, Japan, and Colour Manufacturers, No. 64, Long Acre. Price 2s. per gallon.

STEPHENS'S LIQUID OAK, MAHO-

GANY, ROSE, and SATIN WOOD STAINES, for staining various sorts of Indian Woods, so as to give them the appearance and character of the more costly and ornamental kinds; also for reviving the natural colour of Wood Carriage and Panelings, and other ornamental Wood Work, when such has become faded from age or other causes.

IN THE BUILDING AND DECORATING NEW CHURCHES, where it is desirable to give to the cheaper kind of Woods the appearance of Antique Oak, or to make Oak assume the character of Oak Paneling, whereby the effect of the more costly may be produced by the use of a cheaper material, these Stains will be found more effective than any means hitherto employed.

IN OLD MANSIONS AND HALLS, where the Wood Carriage and Panelings have faded, the applications of these Stains will be found to revive and bring back the rich natural colour, and which colour may be varied from the lighter to the deeper shades of the most Antique Oak.

THE BIRCH WOOD, which has a fine natural grain, with little colour, is particularly suited to the application of these Stains; and the appearance which it assumes after Staining is so near that of the natural wood, that it is only when the grain and colour of the latter is particularly fine that it is inferior. Beech, Birch, Elm, Oak, and other Woods, English and Foreign, receive the Stains and produce various imitations.

For the exposed Timbers of the inside of the ROOFS of CHURCHES, for which north country Timbers and Deals are generally used, by brushing them over with the Stain, which operation is very rapidly, and of course economically effected, the appearance of an Oak Roof will be produced. For colouring the backs of the Book of Psalms, the fronts of Galleries, the Pulpit, &c., it is equally advantageous.

Prepared by **HENRY STEPHENS**, and may be obtained at 44, Stamford-street; at the Office of "The Builder," 2, York-street, Covent-garden; and in Manchester, at **CRANE'S MARBLE WORKS**, Gerrard-bridge, David-street, at which places specimens of their application may be seen.

TO ARCHITECTS, BUILDERS, & BRICK MAKERS.

PUMPS of Superior CONSTRUCTION,

bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Roads, Gardens, and for Liquid Measure. **BRICKLAYER'S PUMPS**, in Wrought and Cast Iron, **HYDRAULIC LIFT PUMPS, and ENGINES** for Wells of any depth. **SINGLE and DOUBLE PUMPS** up to 12-inch bore, kept for Hire.

BENJ. FOWLER, 53, Dorset-street, Fleet-street.

BUILDERS' CASTINGS, Beams, Pillars,

all-bricks, Eave-gutters, Pipes, and every description of builders' castings; also Turntables, Cranes, Water-cranes, Weighing-machines, and all apparatus connected with railways; also engines of every kind and size may be obtained at the best description and at the lowest possible price, by applying to **JAMES CURRIE**, 16, Wellington-street, North, Strand, London. There is a communication by steam-rocket with the works of Aberdeen, twice a week.

TO ARCHITECTS AND BUILDERS.

DOOR SPRINGS AND HINGES.

GERISH'S PATENT DOOR SPRINGS, for CLOSING every description of DOOR, consists of Single and DOUBLE-ACTION BUTT HINGES in Brass and Iron for Doors to open one or both ways, and Rising Hinges for the convenience of Doors opening on uneven Floors. Like every Spring Castings, which consist of a combination of parts assembled by any made at present. Manufactured by **P. W. GERISH**, East-road, City-road, and sold by all respectable Ironmongers in the United Kingdom.